

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

M-CSF-SPECIFIC MONOCLONAL ANTIBODY AND USES THEREOF

the specification of which was filed on July 7, 2006, as Application No. 10/585,459.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

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☒ such foreign application have been filed as follows:

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Application Number	Country	Date of Filing (dd/mm/yyyy)	Priority Claimed Under 35 USC 119
			____ Yes No ____
			____ Yes No ____
			____ Yes No ____

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PCT/US2005/000546	PCT	January 6, 2005

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

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Application Number	Date of Filing (dd/mm/yyyy)	Priority Claimed Under 35 USC 119
60/535,181	January 7, 2004	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
60/576,417	June 2, 2004	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

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DECLARATION AND POWER OF ATTORNEY

Attorney Docket No.: PP021601.0003
27527/40666

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I hereby appoint:

All practitioners at Customer Number **04743**


jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Please mail all correspondence to Novartis AG whose address is:

Intellectual Property R-338
P.O. Box 8097
4560 Horton Street
Emeryville, California 94662-8097

Please direct telephone calls to: (510) 655-8730.

Please direct facsimiles to: (510) 655-3542.

Full name of sole or first inventor Cheng Liu	
Sole or first inventor's signature 	Date April 14, 2009
Residence Emeryville, California	
Citizenship US	
Mailing Address P.O. Box 8097 4560 Horton Street Emeryville, California 94662-8097	

Full name of second inventor, if any Deborah L. Zimmerman	
Second inventor's signature	Date
Residence Emeryville, California	
Citizenship US	
Mailing Address P.O. Box 8097 4560 Horton Street Emeryville, California 94662	

DECLARATION AND POWER OF ATTORNEY

Attorney Docket No.: PP021601.0003
27527/40666

Full name of third inventor, if any Gregory M. Harrowe	
Third inventor's signature	Date
Residence Eugene Oregon	
Citizenship US	
Mailing Address 2055 Sunrise Blvd. Eugene, Oregon 97405	

Full name of fourth inventor, if any Kirston Koths	
Fourth inventor's signature	Date
Residence Emeryville, California	
Citizenship US	
Mailing Address P.O. Box 8097 4560 Horton Street Emeryville, California 94662	

Full name of fifth inventor, if any William M. Kavanaugh	
Fifth inventor's signature	Date
Residence Emeryville, California	
Citizenship US	
Mailing Address P.O. Box 8097 4560 Horton Street Emeryville, California 94662	

Full name of sixth inventor, if any Li Long	
Sixth inventor's signature	Date
Residence Emeryville, California	
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Full name of seventh inventor, if any Arnold Horwitz	
Seventh inventor's signature	Date
Residence San Leandro, California	
Citizenship US	
Mailing Address 7529 Midfield Avenue Los Angeles, California	

Full name of eighth inventor, if any Maria Calderon-Cacia	
Eighth inventor's signature	Date
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Sole or first inventor's signature	Date
Residence Emeryville, California	
Citizenship US	
Mailing Address P.O. Box 8097 4560 Horton Street Emeryville, California 94662-8097	

Full name of third inventor, if any Deborah L. Zimmerman	
Second inventor's signature	Date 3.18.2008
Residence Emeryville, California	
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Attorney Docket No.: PP021601.0003
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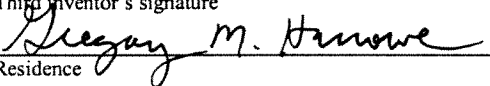
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Sole or first inventor's signature	Date
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Third inventor's signature 	Date 05/06/2008
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Fourth inventor's signature	Date
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Fifth inventor's signature	Date
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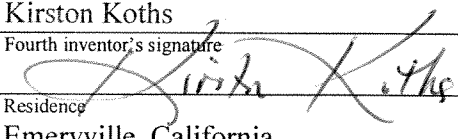
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Fourth inventor's signature 	Date 3/23/08
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jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

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Intellectual Property R-338
P.O. Box 8097
4560 Horton Street
Emeryville, California 94662-8097

Please direct telephone calls to: (510) 655-8730.

Please direct facsimiles to: (510) 655-3542.

Full name of sole or first inventor Cheng Liu	
Sole or first inventor's signature	Date
Residence Emeryville, California	
Citizenship US	
Mailing Address P.O. Box 8097 4560 Horton Street Emeryville, California 94662-8097	

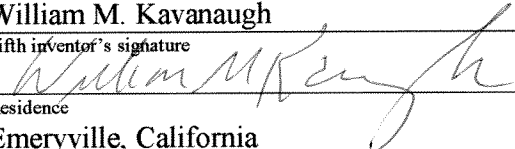
Full name of second inventor, if any Deborah L. Zimmerman	
Second inventor's signature	Date
Residence Emeryville, California	
Citizenship US	
Mailing Address P.O. Box 8097 4560 Horton Street Emeryville, California 94662	

DECLARATION AND POWER OF ATTORNEY

Attorney Docket No.: PP021601.0003
27527/40666

Full name of third inventor, if any Gregory M. Harrowe	
Third inventor's signature	Date
Residence Emeryville, California	
Citizenship US	
Mailing Address P.O. Box 8097 4560 Horton Street Emeryville, California 94662	

Full name of fourth inventor, if any Kirston Koths	
Fourth inventor's signature	Date
Residence Emeryville, California	
Citizenship US	
Mailing Address P.O. Box 8097 4560 Horton Street Emeryville, California 94662	

Full name of fifth inventor, if any William M. Kavanaugh	
Fifth inventor's signature 	Date MARCH 12, 2008
Residence Emeryville, California	
Citizenship US	
Mailing Address P.O. Box 8097 4560 Horton Street Emeryville, California 94662	

Full name of sixth inventor, if any Li Long	
Sixth inventor's signature	Date
Residence Emeryville, California	
Citizenship US	
Mailing Address P.O. Box 8097 4560 Horton Street Emeryville, California 94662	

DECLARATION AND POWER OF ATTORNEY

Attorney Docket No.: PP021601.0003
27527/40666

Full name of seventh inventor, if any Arnold Horwitz	
Seventh inventor's signature	Date
Residence San Leandro, California	
Citizenship US	
Mailing Address 7529 Midfield Avenue Los Angeles, California	

Full name of eighth inventor, if any Maria Calderon-Cacia	
Eighth inventor's signature	Date
Residence Emeryville, California	
Citizenship US	
Mailing Address P.O. Box 8097 4560 Horton Street Emeryville, California 94662	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

M-CSF-SPECIFIC MONOCLONAL ANTIBODY AND USES THEREOF

the specification of which was filed on July 7, 2006, as Application No. 10/585,459.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

☐ no such foreign applications have been filed

☒ such foreign application have been filed as follows:

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Application Number	Country	Date of Filing (dd/mm/yyyy)	Priority Claimed Under 35 USC 119
			____ Yes No ____
			____ Yes No ____
			____ Yes No ____

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS
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PCT/US2005/000546	PCT	January 6, 2005

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

☐ no such U.S. provisional applications have been filed.

☒ such U.S. provisional application have been filed as follows:

Application Number	Date of Filing (dd/mm/yyyy)	Priority Claimed Under 35 USC 119
60/535,181	January 7, 2004	<u> x </u> Yes No <u> </u>
60/576,417	June 2, 2004	<u> x </u> Yes No <u> </u>
		<u> </u> Yes No <u> </u>

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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All practitioners at Customer Number **04743**

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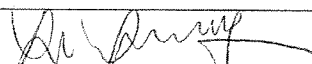
DECLARATION AND POWER OF ATTORNEY

Attorney Docket No.: PP021601.0003
27527/40666

Full name of third inventor, if any Gregory M. Harrowe	
Third inventor's signature	Date
Residence Eugene Oregon	
Citizenship US	
Mailing Address 2055 Sunrise Blvd. Eugene, Oregon 97405	

Full name of fourth inventor, if any Kirston Koths	
Fourth inventor's signature	Date
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Citizenship US	
Mailing Address P.O. Box 8097 4560 Horton Street Emeryville, California 94662	

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Fifth inventor's signature	Date
Residence Emeryville, California	
Citizenship US	
Mailing Address P.O. Box 8097 4560 Horton Street Emeryville, California 94662	

Full name of sixth inventor, if any Li Long	
Sixth inventor's signature 	Date 4/14/09
Residence Emeryville, California Lafayette, CA	
Citizenship US CANADA	
Mailing Address 3209 GREENHILLS DR. LAFAYETTE, CA 94549	

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Seventh inventor's signature	Date
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Mailing Address 7529 Midfield Avenue Los Angeles, California	

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Eighth inventor's signature	Date
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Attorney Docket No.: PP021601.0003
27527/40666

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All practitioners at Customer Number **04743**

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Sole or first inventor's signature	Date
Residence Emeryville, California	
Citizenship US	
Mailing Address P.O. Box 8097 4560 Horton Street Emeryville, California 94662-8097	

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Second inventor's signature	Date
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Third inventor's signature	Date
Residence Eugene Oregon	
Citizenship US	
Mailing Address 2055 Sunrise Blvd. Eugene, Oregon 97405	

Full name of fourth inventor, if any Kirston Koths	
Fourth inventor's signature	Date
Residence Emeryville, California	
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Full name of fifth inventor, if any William M. Kavanaugh	
Fifth inventor's signature	Date
Residence Emeryville, California	
Citizenship US	
Mailing Address P.O. Box 8097 4560 Horton Street Emeryville, California 94662	

Full name of sixth inventor, if any Li Long	
Sixth inventor's signature	Date
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DECLARATION AND POWER OF ATTORNEY

Attorney Docket No.: PP021601.0003
27527/40666

Full name of ninth inventor, if any Arnold Horwitz	
Seventh inventor's signature <i>Arnold Horwitz</i>	Date 3/4/08
Residence San Leandro, California	
Citizenship US	
Mailing Address <i>Arnold Horwitz</i> 7529 Midfield Avenue 2720 Lakeview Drive Los Angeles, California San Leandro, CA 94577	

Full name of ninth inventor, if any Maria Calderon-Cacia	
Eighth inventor's signature	Date
Residence Emeryville, California	
Citizenship US	
Mailing Address P.O. Box 8097 4560 Horton Street Emeryville, California 94662	

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Sole or first inventor's signature	Date
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Mailing Address P.O. Box 8097 4560 Horton Street Emeryville, California 94662-8097	

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Second inventor's signature	Date
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Third inventor's signature	Date
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Mailing Address 2055 Sunrise Blvd. Eugene, Oregon 97405	

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Fourth inventor's signature	Date
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Fifth inventor's signature	Date
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Full name of eighth inventor, if any Maria Calderon-Cacia	
Eighth inventor's signature <i>Maria Calderon-Cacia</i>	Date 5/23/09
Residence Emeryville, California CASTRO VALLEY, CA	
Citizenship US	
Mailing Address P.O. Box 8097 4560 Horton Street Emeryville, California 94662 5980 CASTLEBROOK DR. CASTRO VALLEY, CA 94552	